

20010817.ba v03_n207.bam.20010817

>From ???@??? Fri Aug 17 17:11:32 2001 -0500
Message-Id: <200108172211.f7HMBP0S006345@sco.theporch.com>
Date: Fri, 17 Aug 2001 17:10:47 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3207

BOATANCHORS Digest 3207

Topics covered in this issue include:

- 1) 572B shopping
by James Hanlon <knjhanlon@qwest.net>
- 2) KWM-1 Repair!?
by Robert Kemp <rkemp@mr.net>
- 3) Re: NC-120 query
by "Lawrence R. Ware" <larry@waywardhome.com>
- 4) Re: KWM-1 Repair!?
by "Jay H. Miller" <jay@kk5im.com>
- 5) the times are a'changing
by "Lawrence R. Ware" <larry@waywardhome.com>
- 6) Re: NC-120 query
by Richard Post <post@ouvaxa.cats.ohiou.edu>
- 7) Tubes
by Ray Allen <w2kbr@bayserve.net>
- 8) SP-600/Tuned circuits
by Ray Allen <w2kbr@bayserve.net>
- 9) Re: NC-120 query
by "John" <moe@email.msn.com>
- 10) crystal grinding
by "russ dworakowski" <wb3fau@hotmail.com>
- 11) Re: crystal grinding
by "Joe Watson" <wwatson@mmcable.com>
- 12) Re: crystal grinding
by Tom Laszynski <k8jrm@home.com>
- 13) What's it Worth - Anybody Interested
by "Charles J. Brenner" <cbassoc@wwt.net>
- 14) Re: crystal grinding
by Ralph Parker <rparker@dccnet.com>
- 15) Re: crystal grinding
by Ned Ely <adcinfo@ghg.net>
- 16) Re: crystal grinding
by W7QH0@aol.com
- 17) Update:BA member in Accident
by "John Dilks, K2TQN" <oldradio@worldnet.att.net>
- 18) Looking for...

- by "Sandy W5TVW" <ebjr@i-55.com>
- 19) Gotham vertical antennas
by "John Dilks, K2TQN" <oldradio@worldnet.att.net>
- 20) Re: Gotham vertical antennas
by "john page" <n8blb@hotmail.com>
- 21) Mother Load
by "Larry Kayser" <kayser@sympatico.ca>
- 22) WTB HQ170A Dial
by "Don Ehrlich" <ehrlich@olypen.com>
- 23) BIRD slug repairable?
by Heinz und Hannelore Breuer <hbreuer@debitel.net>
- 24) Re: S38 back
by "John Gibson" <gibsonj@mindspring.com>
- 25) output transformer needed
by Bob Roehrig <broehrig@aurora.edu>

Message-ID: <3B7A6FC4.1E199AF3@qwest.net>
Date: Wed, 15 Aug 2001 06:49:08 -0600
From: James Hanlon <knjhanlon@qwest.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 572B shopping
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All Y'all,

I'm looking for a new pair of 572B's for my Heath SB200. The best price I've found so far for a matched pair of Svetlana's is \$125 at Surplus Sales of Nebraska. AES has the Chinese version on "sale" for a little less, but I'm concerned about their quality and reliability. Does anyone have any experience with the Chinese tubes? Does anyone know of a better price on Svetlana or Cetron tubes?

Thanks,

Jim, W8KGI

Message-ID: <3B7A71F6.42BA3314@mr.net>
Date: Wed, 15 Aug 2001 07:58:30 -0500
From: Robert Kemp <rkemp@mr.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: KWM-1 Repair!?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone out there repair KWM-1's.?

Bob.

Message-Id: <3.0.32.20010815130536.00da1de8@pop.earthlink.net>
Date: Wed, 15 Aug 2001 13:06:35 +0000
To: Old Tube Radios <boatanchors@theporch.com>
From: "Lawrence R. Ware" <larry@waywardhome.com>
Subject: Re: NC-120 query
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:27 14-08-01 -0400, Richard Post wrote:

>>>>

>Over the weekend, a very dirty NC-120 followed me.
Did it catch you? :-)

<snip>

>Was the NC-120 a civilian which donned a Navy uniform or
>was the NC-120 model only produced for the military (as RAO?)?
A \$64 dollar question. Darn if I know for sure.
The NC-120 remains a minor mystery in the evolution
of the National coil-catacomb series.
Does yours have any data plates? Places where they used to
be? (Missing is most common case.)

Electrically, it is almost identical to the RAO-3/4 series.
Most, (not all reported) have a panadaptor output on the
back. (Earliest correct usage of the S0-239 connector for
these radios.) Binding posts or an odd large coax connector
for the antenna connection is correct. An S0-239 for the antenna
is a common, but incorrect mod.
The panadaptor connector has B+ on the center pin, so be
careful connecting it to other things. Should also have
the National S-meter and a switch to disable it.

The documentation I have for the NC-120 is quite incomplete
and contradictory in places.

>Any stories? I assume this was another of the Navy's modified
>civilian receivers made to low radiation standards.
Correct, but the whole story of the NC-120 remains to yet
be uncovered....

-Larry

-Larry Ware
National Radio Company, Inc.
Coil-catacomb radio nut
Orlando, Florida
larry@waywardhome.com

Mime-Version: 1.0
Message-Id: <p05100300b7a0288435ee@[199.34.24.218]>
Date: Wed, 15 Aug 2001 08:26:04 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "Jay H. Miller" <jay@kk5im.com>
Subject: Re: KWM-1 Repair!?
Cc: boatanchors@theporch.com
Content-Type: text/plain; charset="iso-8859-1" ; format="flowed"
Content-Transfer-Encoding: quoted-printable

>Anyone out there repair KWM-1's?
>
>Bob.
Tray Butch, K0BS- k0bs@worldnet.att.net

or

Wayne Spring, W6IRD- w6ird@mindspring.com

See you all at the 2001 Collins Users Conference this October 19-21
in Dallas. Both Butch and Wayne will be here doing Hands-On workshops!

--

***** jay@kk5im.com *****
Jay H. Miller, KK5IM 32=B0 AASR Dallas, Texas
The Pocket Guide to Collins Amateur Radio Equipment
A Pictorial History of Collins Amateur Radios
NRA * ARRL * AMI#846 * DXCC * S.A.S.S. #34,692
NEW Website: <http://www.kk5im.com>
***** Proud to be 100% Macintosh since 1984! *****

Message-Id: <3.0.32.20010815133301.00da1de8@pop.earthlink.net>
Date: Wed, 15 Aug 2001 13:33:09 +0000
To: Old Tube Radios <boatanchors@theporch.com>
From: "Lawrence R. Ware" <larry@waywardhome.com>
Subject: the times are a'changing

Cc: phid2@ivillage.com
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Good morning folks,
I've been traveling and buried in work related stuff for a long time now, (no end in sight yet) and very quiet on the mailing lists.

I did find time to fill all pending manual and parts orders this weekend. :-)
I want to apologize for being slow lately, and I wish I could promise you that will change.

In the next month or so, the majority of my collection of Nationals and other firebottle junk will be sold off. This is because some major changes are happening in my life.

I still hope to complete my National history, restoration, and repair book this year.

Boatanchors@theporch.com folks will get first crack at everything before it goes up for sale anywhere else. Later this week I hope to complete an inventory of the stuff that will be needing new homes. I'll post another message when the list is available. Please don't ask for it till then, between my home server and my laptop, I may very well lose the request.... :-(

Those of you who have seen my garage and/or storage spaces know what a load of junk, ^H^H^H err, fine firebottle based equipment this is...

Wayward Electronics will continue to supply parts and manual copies as long as I can maintain the storage space for them. Eventually the manual archives and spare parts will go also. It would be nice if another National collector expressed interest in the manuals and parts. I'd hate for the National fans to lose access completely.

Thank you all for a wonderful six years of fun...
-Larry

-Larry Ware

National Radio Company, Inc.
Coil-catacomb radio nut
Orlando, Florida
larry@waywardhome.com

Message-Id: <v03007800b7a02c45f850@[132.235.46.182]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 15 Aug 2001 12:35:38 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Richard Post <post@ouvaxa.cats.ohiou.edu>
Subject: Re: NC-120 query

At 9:06 AM -0400 8/15/01, Lawrence R. Ware wrote:

>> a very dirty NC-120 followed me.
>Did it catch you? :-)

It certainly caught my interest ;:-)

It has the S-meter. No data plates (or as yet any evidence of where they might have been.) Dennis', W7QH0, note caused me to check Osterman's book and to look for a panadaptor connector. You confirmed the connector as S0-239. The receiver has a four bolt S0-239 mounted above the antenna terminal posts. Will check for B+ on it. I believe I have the schematic in my Cowan Surplus Schematics book. This unit has a 6 pin tube plug and connector on the back for what I assume is audio output and/or external DC power in. Osterman says 600 ohms, implying audio output transformer on board. (Unlike my NC-200 which relies on an external output transformer and speaker). Is the toggle switch just for the S-meter?

Are there any clear differences among the various RAO numbers other than the presence or lack of S-meter, the switch and the S0-239? Osterman's listing is confusing on this point. He mentions the RAO-7 as similar to the 2/6/9 except for minor differences in grid circuits for the first and second RF amps. "The RAO-2/6 differ in the cabinet, panel, type of coil carriage, connector and they contain an S-meter, but do not have the panoramic adapter circuit." He notes that his picture is of RAO-7. His pic does not show an S-meter.

Since Ware rules on catacomb sets, thanks for the info :-)

Rich

>
>The NC-120 remains a minor mystery in the evolution
>of the National coil-catacomb series.

> any data plates?
>Most, have a panadaptor output
> SO-239 connector
has B+ on the center pin,
>the National S-meter and a switch to disable it.
>The documentation I have for the NC-120 is quite incomplete
>and contradictory in places.

Message-ID: <3B7AEED7.750F38C3@bayserve.net>
Date: Wed, 15 Aug 2001 17:51:19 -0400
From: Ray Allen <w2kbr@bayserve.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Tubes
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Group:

The Radio Historical Society, Bowie, Maryland has, in their efforts to save old radios/boatanchors, received lots of donations for the Museum.

Along with the gear they have accumulated a couple thousand tubes of various make and type and are in the process of sorting them out. If you have a hankering for tubes, you are invited to submit a list request to:

tonyy@juno.com

Tony Young, WA3YL0, will be in touch with you regarding the disposition of your request. No sense sending me an email, cause I have no idea of the inventory. I wud just forward it to Tony anyway ;o)))

P.S. I have no connection with the above organization, etc, etc.
es 73 Ray

--

Ray A. Allen, Sr., W2KBR
8303 Grainfield Rd.,
Severn, Maryland, 21144-2331

Message-ID: <3B7B2EEC.E4E8B75A@bayserve.net>
Date: Wed, 15 Aug 2001 22:24:44 -0400
From: Ray Allen <w2kbr@bayserve.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SP-600/Tuned circuits

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Group:

Estate account has turned up what appears to be SP-600 tuned circuit modules. There is a coil, 2caps, and a variable cap mounted on a ceramic base. There are numbers on the edge of the units. 3 of them have "31399" and one has "31396" and I believe this one has a slug in the coil. There is also a single coil #31255-1. Have no idea of value. Any interest, please email direct before Friday morning. I'll be away after that for a few days.

es 73 Ray

--

Ray A. Allen, Sr., W2KBR
8303 Grainfield Rd.,
Severn, Maryland, 21144-2331

Message-ID: <005f01c125e4\$1af7c060\$cf912c3f@johnmorris>
From: "John" <moe@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: NC-120 query
Date: Wed, 15 Aug 2001 19:43:35 -0400

Larry,
My just finished RBH-2 has the National Insignia in raised lettering above the upper right most control and says NC-156. I've never seen reference to this model number. Two tags on the hinged top refer to Naval order number. This is my third catacomb after the NC-200 and 2-40D.

Has the S-meter and the toggle switch to turn it off as does the mentioned NC-120..

This also has the additional back porch RF section with the miniature catacomb.

John - WB0RLD

From: "russ dworakowski" <wb3fau@hotmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: crystal grinding

Date: Thu, 16 Aug 2001 06:10:55 -0400
Mime-Version: 1.0
Content-Type: text/plain; format=flowed
Message-ID: <LAW2-F769Xdo6Za0BcW0000ba8b@hotmail.com>

Anchorites: A few questions about changing freq of an existing xtal.
Freq of existing xtal is 7185kc. I want to move it to 7290kc, if I lap the
quartz, will it go up in freq? How long will it take to grind?
Can I use a mirror and toothpaste for lapping? Russ

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Message-ID: <002301c1264f\$8d7a9f20\$ca881b18@radioroom>
From: "Joe Watson" <wwatson@mmcable.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: crystal grinding
Date: Thu, 16 Aug 2001 07:15:47 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, that is the right direction---it will increase frequency.
I used to do that as a kid, but it has been 50+ years ago.
You may need something a little stronger than toothpaste. I used a compound
used by mechanics to grind valves. You might find something like that at a
good auto parts store. As I recall, I tried to do a little at a time,
checking frequency often. It is important to keep the surface flat, that
is, try not to bevel the edges/corners. I believe if you will check one of
the old ham handbooks from 30's or 40's you could find some helpful
instructions. I think I used "figure 8's" in the grinding motion.

Joe Watson

W5WBR

----- Original Message -----

From: "russ dworakowski" <wb3fau@hotmail.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Thursday, August 16, 2001 5:10 AM
Subject: crystal grinding

> Anchorites: A few questions about changing freq of an existing xtal.
> Freq of existing xtal is 7185kc. I want to move it to 7290kc, if I lap
the
> quartz, will it go up in freq? How long will it take to grind?
> Can I use a mirror and toothpaste for lapping? Russ

>
>
> -----
> Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>
>

Message-Id: <5.1.0.14.0.20010816090804.00a03010@mail.okcs1.ok.home.com>
Date: Thu, 16 Aug 2001 09:22:54 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Tom Laszynski <k8jrm@home.com>
Subject: Re: crystal grinding
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 07:15 AM 8/16/01 -0500, Joe Watson wrote:

>You may need something a little stronger than toothpaste.

Years ago, I used tooth powder to grind my crystals. Spread the powder on a piece of glass, dampened it a bit with water and proceeded with the figure 8 motion Joe described. Care must be taken to not grind too much off at a time. Frequent checks of the frequency should be made. Once you have gone past the desired frequency, it is difficult to go back. If you error, you can play with the holder tension on the crystal. This will vary the frequency somewhat. Also, marking the crystal with a lead pencil can move the frequency down a bit. Unfortunately, this also effects the crystal's activity.

GL, Tom K8JRM

Message-Id: <3.0.3.32.20010816094106.006c0218@mail.airstreamcomm.net>
Date: Thu, 16 Aug 2001 09:41:06 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "Charles J. Brenner" <cbassoc@wwt.net>
Subject: What's it Worth - Anybody Interested
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Was rummaging around the rafters of my garage the other day when I came across a relic of my ham days in the 60's; A CDR AR-22 Antenna Rotor. I used it on a 2 meter beam.

It worked when I took it out of service in 1965 and has not been used since. In the interim it has been stored in a dry environment, and appears to be in good condition, though I suspect that it would need to be cleaned up and lubed. The control head has a small crack in the lower left hand corner of the clear plastic face.

Is this thing worth anything, and if so how much? Is anybody out there interested in it? In the absence of any interest I will probably dumpster it.

Message-Id: <3.0.5.32.20010816103946.007e2b80@pop3.dccnet.com>
Date: Thu, 16 Aug 2001 10:39:46 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Ralph Parker <rparker@dccnet.com>
Subject: Re: crystal grinding
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>A few questions about changing freq of an existing xtal.
>Can I use a mirror and toothpaste for lapping?

A couple of years ago, while helping to sort out a silent key's basement (packed), I found a 1 lb. cigarette tin (rare enough in itself) marked "Xtal grinding compound", and rescued it from the dumpster.

After reading Russ' post, I looked inside - a few brown paper bags and envelopes containing a very fine powder. One is marked "fine", one is marked "240" and the others are unmarked.

I'll send you some, Russ, if you like. I have no idea how to use it. I used to hear about xtal grinding back in the 50s, but have never done it myself, other than to use the pencil lead trick to lower one or two xtals a bit (I don't even remember how far). Probably send it in a plastic 35mm film container.

VE7XF

Message-ID: <3B7C0937.3A8E449D@ghg.net>
Date: Thu, 16 Aug 2001 12:56:08 -0500
From: Ned Ely <adcinfo@ghg.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: crystal grinding
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here's another possibility-Automobile paint stores sell "wet-or-dry" sanding paper in grits up to 2500 that is used for sanding the clear-coat used in today's auto finishes. A pane of glass, 2500 paper and water (or oil?) may do what you want to do to the crystals.

Ned Ely

Ralph Parker wrote:

> >A few questions about changing freq of an existing xtal.
> >Can I use a mirror and toothpaste for lapping?
>
> A couple of years ago, while helping to sort out a silent key's basement
> (packed), I found a 1 lb. cigarette tin (rare enough in itself) marked
> "Xtal grinding compound", and rescued it from the dumpster.
> After reading Russ' post, I looked inside - a few brown paper bags and
> envelopes containing a very fine powder. One is marked "fine", one is
> marked "240" and the others are unmarked.
> I'll send you some, Russ, if you like. I have no idea how to use it. I
> used to hear about xtal grinding back in the 50s, but have never done it
> myself, other than to use the pencil lead trick to lower one or two xtals a
> bit (I don't even remember how far). Probably send it in a plastic 35mm
> film container.
>
> VE7XF

From: W7QHO@aol.com
Message-ID: <fc.ac13c80.28ad64b5@aol.com>
Date: Thu, 16 Aug 2001 14:02:29 EDT
Subject: Re: crystal grinding
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

See ER #59, March 1994 for a good rundown on this subject.

Dennis D. W7QHO
Glendale, CA

Message-Id: <4.3.2.7.0.20010816174230.00bcd430@postoffice.worldnet.att.net>
Date: Thu, 16 Aug 2001 17:53:57 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: "John Dilks, K2TQN" <oldradio@worldnet.att.net>
Subject: Update:BA member in Accident
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

To all,

Here's the latest.....

I just heard from Pete Grave. He and Jan went to see Al yesterday
(Wednesday.) Al is much improved. Things are going well for him physically.

Al has been moved from the hospital to the Morristown (NJ) Hospital Rehabilitation Center. He will be there for a while. It turns out that one of Al's family member's had been in there a few months ago, so all the staff there already knows Al very well. This should help when he needs an extra helping of dessert, etc.

I have his room telephone number. If anyone wants to call him, please send me an email directly and I will send it to you.

73' John, K2TQN

Message-ID: <000301c126a4\$03385500\$a49dcdd1@ebjr>
From: "Sandy W5TVW" <ebjr@i-55.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Looking for...
Date: Thu, 16 Aug 2001 08:45:46 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Gang, especially in UK and Europe...

Looking for some info on using the PL509 as a grounded grid amplifier. Such things as bias that might be required, anode voltages and currents. (When this tube is used in linear RF amplifier service)
Also need a source of 4 to 6 "Magnoval" sockets for the PL509's.

73,
Sandy W5TVW

Message-Id: <4.3.2.7.0.20010816210744.00bce830@postoffice.worldnet.att.net>
Date: Thu, 16 Aug 2001 21:10:00 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: "John Dilks, K2TQN" <oldradio@worldnet.att.net>
Subject: Gotham vertical antennas
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

To all,

Does anyone have expertise with the infamous Gotham vertical antennas? If so, please let me know by email.

73' John, K2TQN

From: "john page" <n8blb@hotmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Gotham vertical antennas
Date: Thu, 16 Aug 2001 21:27:12 -0400
Mime-Version: 1.0
Content-Type: text/plain; format=flowed
Message-ID: <F1804tDWTLZQDYaMa9000009d91@hotmail.com>

Yea, they didnt work! Never could work Half Moon Island. john

>From: "John Dilks, K2TQN" <oldradio@worldnet.att.net>
>Reply-To: oldradio@worldnet.att.net
>To: Old Tube Radios <boatanchors@theporch.com>
>Subject: Gotham vertical antennas
>Date: Thu, 16 Aug 2001 21:10:00 -0400
>
>
>To all,
>
>Does anyone have expertise with the infamous Gotham vertical antennas? If
>so, please let me know by email.
>
>73' John, K2TQN
>

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Message-ID: <001301c126c5\$7403e670\$0a00a8c0@ThreeLakes.ca>
From: "Larry Kayser" <kayser@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Mother Load
Date: Thu, 16 Aug 2001 22:36:39 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings All:

A while back I mentioned that I had found a large motherload of Boatanchors

in Eastern Ontario. Well for those who have waited take a look at

<http://www.falls.igs.net/~testequipment/Radios/radios.html>

and see what they have. The Ford's have a new building, on the east end of town - an old and very large cheese factory in earlier times. Now it is full of goodies. Time to check out the credit cards you have been hoarding for just such a find as this. Lots of good stuff.

As usual I have no connection to Ford's, just an occasionally happy customer.

Larry
VA3LK

Message-ID: <007001c126ca\$3c89d600\$5d1ffea9@oemcomputer>
From: "Don Ehrlich" <ehrlich@olypen.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB HQ170A Dial
Date: Thu, 16 Aug 2001 20:10:08 -0700
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_006D_01C1268F.729300E0"

This is a multi-part message in MIME format.

-----=_NextPart_000_006D_01C1268F.729300E0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Some idiot just broke the left hand dial disk on an otherwise pristine =
HQ170AC. Could he be so lucky as to actually find a replacement =
someplace? If so please (PLEASE!) let me know and I will let him know. =
I don't have to go far to talk to him.

Don K7FJ

-----=_NextPart_000_006D_01C1268F.729300E0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
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-----=_NextPart_000_006D_01C1268F.729300E0--

Message-ID: <3B7D2685.DE3CDB02@debitel.net>
Date: Fri, 17 Aug 2001 16:13:20 +0200
From: Heinz und Hannelore Breuer <hbreuer@debitel.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BIRD slug repairable?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

I bought a mint-looking 10kW BIRD slug at a hamfest cheap and ... yes it doesn't work as it should. I get a full scale reading at about 70W already.

Does anybody know if it can be repaired and how to open up the element? I guess the element consists of some kind of capacitive "pickup element" followed by a voltage divider. Obviously there is a dc current which drives the meter to 30uA full scale. Where is the diode? In the element itself or in the line section?

Having a full scale meter reading at 70W indicates that part of the voltage divider is shorted and this can probably be repaired.

73

Heinz KM5VT

PS: Yes I know about the legal limit and don't have anything more powerful than a 30S-1.

Message-Id: <200108172014.QAA01759@hall.mail.mindspring.net>
Date: Fri, 17 Aug 2001 13:12:25 -0700
Subject: Re: S38 back
From: "John Gibson" <gibsonj@mindspring.com>
To: Old Tube Radios <boatanchors@theporch.com>
Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Searching for a cure for the soft crumbly cardboard back, I looked for a thin glue or varnish in the hardware store, and found a can of Miniwax Wood Hardener, claimed to "reinforce soft wood fibres". This sounded promising so I gave the back two coats, flattened it, and let it dry a few days and hey was the cardboard hard! Unfortunately I was flexing the back to the limit to test it and it cracked in two like a sheet of thin glass. Bummer, I should have left it alone.

Back to the (my) drawing board. I found a sheet of hard cardboard of the correct thickness at a art supply store. Having access to a rotapunch, I could knock clean round holes of standard size in it and took care of oval holes by cutting adjacent holes and cut out the web with a single edged razor blade from both sides, using a steel rule as a guide. (watch those fingers!). A sheet of 400 grit sandpaper rolled into a tube made a sharp round file for chad dander. Two thin coats of "wrought Iron Flat Black" spray paint enamel gave the back an authentic appearance.

I must confess that I gave all cut edges a single application of the wood hardener on a cotton tip applicator, to prevent future fraying, before painting.

Date: Fri, 17 Aug 2001 17:09:43 -0500 (CDT)
From: Bob Roehrig <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: output transformer needed
Message-ID: <Pine.OSF.4.31.0108171707150.1360-100000@students.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I received an old ERLA 240 receiver today. It is a BC TRF set using three 24's, a 27 detector, a 27 audio driver, and push-pull 45's in the output. One side of the output transformer primary is open so am looking for a replacement. Looks like one for P-P 6V6's would work. Anyone got one?

73 Bob Roehrig K9EUI
Aurora University Telecom/IS dept.
630-844-4898 broehrig@aurora.edu

End of BOATANCHORS Digest 3207
